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ABSTRACT

This book describes a neuro-developmental approach to learning difficulty assessment and remediation through assessment of a student's reception of information through the sensory channels, processing of sensory information in the brain, and repertoire of responses for expression. Chapter 1, "Reflexes: Their Impact on Success or Failure in Education," describes the Moro, Palmar, Asymmetrical Tonic Neck , Rooting, Spinal Galant, Tonic Labyrinthine, and Symmetrical Tonic Neck reflexes. Chapter 2, "From Primitive Reflex to Postural Control" discusses postural reflexes and in particular the Landau, Amphibian, and Segmental Rolling Reflexes as well as equilibrium reflexes. Chapter 3, "Brain Development," looks at development in the first year of life. Chapter 4, "The Senses," covers balance and the vestibular system, touch, hearing, seeing, taste, and smell as well as proprioception or kinesthesis. Chapter 5, "Reflex Testing," gives test procedures and scoring ranges for 15 reflexes and is illustrated with drawings. Chapter 6, "Remedial Steps Available to the Teacher," discusses various sensory difficulties and corrective activities, and provides tables outlining the development and transformation of the reflex system, historical indicators of neuro-developmental delays, and suggested remediation for retained reflexes. An appendix contains useful addresses, a glossary and index, and three selected papers: "Elective Mutism: The Unchosen Silence"; "Developmental Milestones: A Blueprint for Survival"; and "Why Do Our Children Roll and Tumble?" (Contains 84 references.) (JB)

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